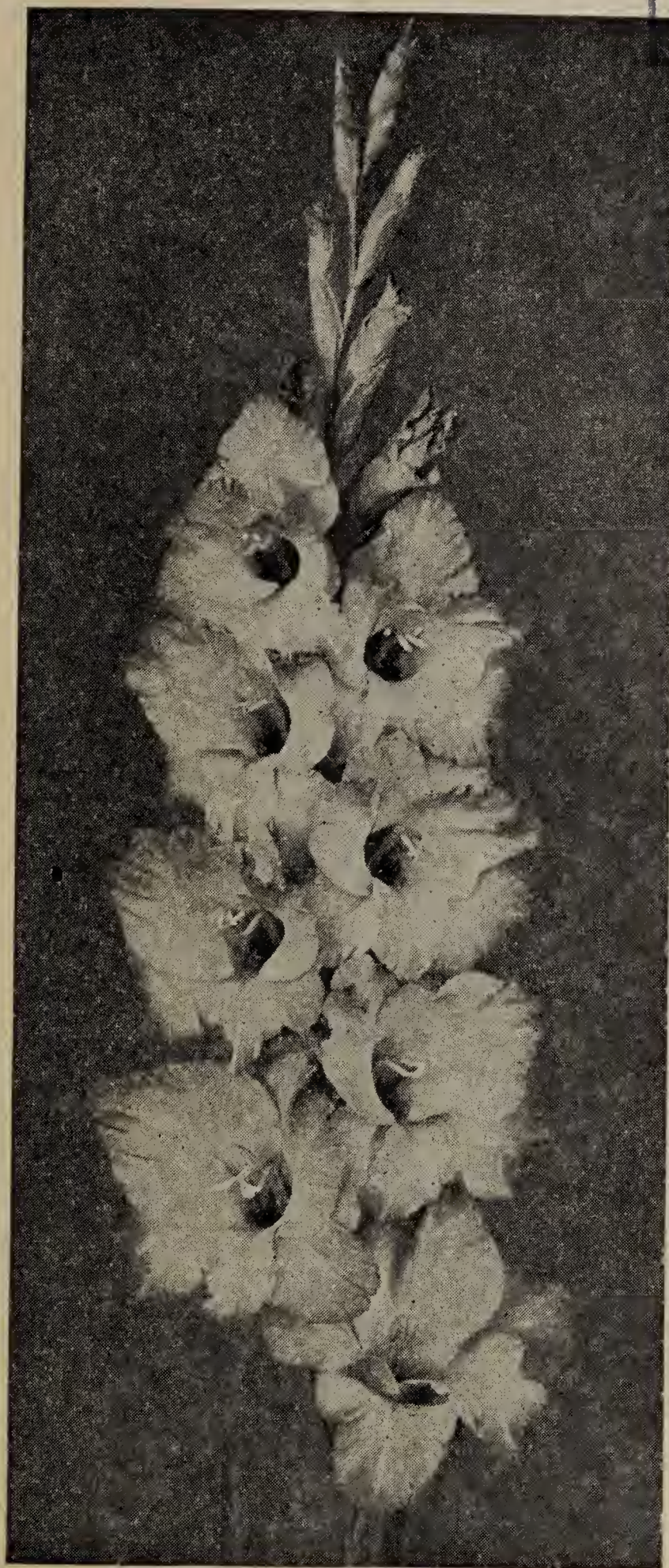
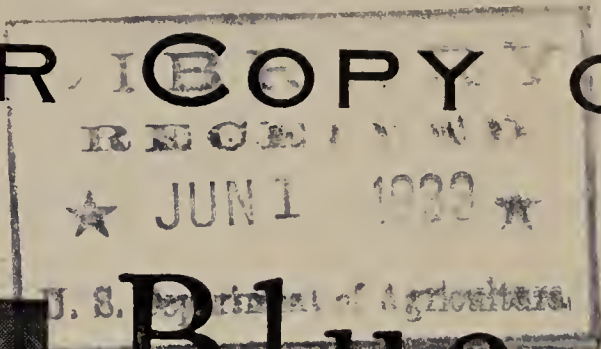


Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.67

HERE'S YOUR COPY OF



Blue

Glad's

— FOR —

1933

FROM THE
INTRODUCERS OF

Blue Admiral,

Smiling Maestro,

True Blue,

And Other

Famous

Rev. J. A. Christ

Originations.

— — —

THE
HILLSIDE
GARDENS

H. J. NITCHMAN
C. E. DAVIS
L. L. DAVIS

ST. MARYS, OH
U. S. A

Planting Directions for Raising Real Glads

H. J. NITCHMAN

Realizing that there are always some new Glad fans who appreciate a word about the culture of Glads we are herewith giving a few simple rules for their care and attention. There may be some who will not agree with the ideas set forth but the fact remains that these are rules laid from our own experience and with which we have grown some prize winning spikes. We wish you success in following these rules.

In the first instance you must choose good varieties—not necessarily high priced ones but those that are popular, characterized by appearing on the lists and in the catalogues of most growers throughout the land. There is a reason for it.

Secondly—plant bulbs of not smaller than medium size if growing for blooms. Top size or large is preferred but usually medium will give fine spikes. Small bulbs will usually give a smaller spike and bulbets will occasionally.

Plant when soil becomes warm, along in late April, in a mellow, well drained soil that receives full sunlight. I would advise planting large and medium bulbs four inches deep in medium to heavy soil but deeper in sandy soil. This helps to hold up those heavy spikes. Before setting bulbs, apply a handful of bonemeal to each three feet of row.

Before planting you should soak the bulbs for several hours in disinfectant like Semesan or corrosive sublimate. This checks possible disease or thrip infection on which you will find more information on other pages of this catalogue.

After planting do not disturb other than tamping soil down firm. When spikes appear and are several inches high begin to cultivate after each rain.

If no rain comes you should water at least once each week allowing water to thoroughly soak the soil for three inches or more deep. After drying off, cultivate again.

When spikes appear in leaves sheath, make a solution of Vigoro and water and apply to soil near plants allowing to soak in. This causes healthier blooms.

In cases of varieties that are massive and heavy the spikes should be cut when first buds are halfway open and taken into shade to open further.

If you follow instructions given here you should grow some of the finest blooms, capable of giving competition to any others. Do not be bashful about taking them to the flower shows. Yours may be the judges favorites.

In case any of our readers wish to have further information on this subject we shall be glad to have them write us, enclosing a stamped, self addressed envelope for reply. We shall do our best to help you out. Our experience with Glads in a commercial planting has widened our vision to a great extent and we assure that you shall benefit by it.

Blue Glads for 1933

FOREWARD

Each year seems to bring forth hosts of new treasures in the Glad game, thus calling for new descriptions, prices and chatter on the merits of this and that. Of course we must have a "foreword", and this is where I try to crawl under something and hide. It is always hard for me to start the conversation on any subject yet when I meet you or any of the host of friendly customers and fans we have made at a Glad show or exhibition we always seem to have a lot in common, talking over the merits of this variety and that, alibing our spikes on the weather conditions and so forth. So guess you'll just have to be the silent side of the conversation unless something I say excites you to the point of picking up a pencil and firing off a few lines to tell me your opinion of my criticism, in which case you may be sure I will be real glad to get it, and you can look for an answer, too.

In the very first second of this conversation I am going to get the jump on you and tell you just what kind of a summer we have had. Some of our neighbors say that we'll have better weather now that politics has changed but believe you-me, whether its Republican or Democrats we are going to live under for the next four years, I'll tell the world we can't have a much worse summer than this one past.

Spring of 1932 we had one rain after another and we began to think we were not going to plant until August, but like it always does, it finally stopped, became partly dry and we hastened to plant before it rained again. However it held off during planting season and for eight weeks more also. Then we had a rain and it dried up again for another four weeks. Time to dig, we got a start and it began to rain again. Day after day it drizzled and we dug mud and all. Well to make a long story short we did not have such nice flowers but for some reason we dug some of the finest bulbs we have ever had the pleasure to see. Big fat bulbs shaped more like baseballs, higher than they were broad, the kind we delight in seeing. So we don't feel so bad after all, and we did manage to take a few prizes at the show in Muncie, Indiana, the only place we had spikes for. Took, by the way, a nice Silver Cup and an A. G. S. Silver Medal and some bulb prizes over there, at one of the nicest shows we have ever attended.

Bet you were just aching during my relating about hot weather, to ask about thrips, weren't you? Well folks, I might start a slogan "Not a thrip in a carload" but I am not. I sincerely believe that there are no thrips in our cleaned stock but believe me we did have them at the beginning of summer and so did lots of other growers whom we visited. However we got busy with the little old spray guns and began a real war on the pests. Our formulas—you'll find it elsewhere in this catalogue along with all the latest information on them. Here is one thing to remember about thrips—get them first or they will get you in the long run.

Now Glad friends, for reasons all too apparent, this catalogue is doomed to be just one fourth the size I would like it to be. But for every page I add in gloss to you it is costing several dollars more on our production costs and therefore

price of bulbs is that much higher. I am going to make everything in print herewith just as brief and to the point as possible and try to pass on the saving to you on your purchases. Following is a short list of new worth-while things we grew this year and is by no means complete as we tested several hundred varieties this year and there were dozens that went on the scrap pile. Among several hundred thousand seedlings we kept only a few hundred, so you can see that we are working on a high standard of quality. The varieties were grown in bulb ground rather than flower soil and were rightly tested, so much that we were criticized by visitors who thought us demented when we calmly pulled out bulbs that cost us plenty and threw them on the compost pile. However it pays to be really particular—our customers appreciate it.

First of all I want to recommend TERESA—that fine silver pink of Rev. J. A. Christ. Folks, it is a real all around Glad. His LEVIATHAN is also a wonderful Glad, making mammoth spikes with a fine color. SUNKIST FAIRY is a dainty, graceful variety, one of Pety's best originations. His new REGENT, very much like MRS. F. C. WILLARD, is also mammoth in size and delicious in color. Mrs. Tenant's variety JOHN HENRY has won a place in our lists and will stay there. SER-RATA and WHITE ORCHID are very useful and artistic. HINEMOA crooks badly like MAMMOTH WHITE, although both are fine in their respective classes. BLUE ADMIRAL was still the leader among the late blues, outgrowing all except BLUE TRIUMPHATOR. But the color is so much purer that there is no comparison. LIGHTHOUSE is also one of the newcomers, as is PALMYRA and SENTINEL. PIMPERNIL is an excellent soft red. MAORILAND is odd and unusual and NELLIE is sensational. Two fine whites are MILKMAID and MAID OF ORLEANS. RED LORY is another red Phipps. ZILLAH and SUNNYSIDE are superb. INSPIRATION as shown at Pittsburgh was beautiful, as were WASAGA and DUNA. GOLDEN CHIMES is another fine yellow but still not the one we want. JUNE ROSE is a winner and DEARBORN is a giant. We found a new red in FIREFLAME. BELINDE and LOYALTY are fine additions to their class. And I don't mind saying that the varieties ADIRONDACK, ST. CECELIA, RICHARD WAGNER and FRANZ SCHUBERT are equal if not superior to any of the above in its respective color class. Furthermore we will bet that SMILING MAESTRO, STAR PRINCE, MIGNON, SUWANEE, CELESTIAL QUEEN or FAIREST OF THE FAIR, properly grown will more than equal the best of the above varieties. This is no idle boast. We really believe in these varieties and we are withdrawing some for propagation, having sold short on some. ORLANDO this year was the most spectacular Glad on the field but we were sold short on it last year and will have to withhold it just another season, before letting it go. NETHERLAND PRINCE and RAMESSES were spectacular also this year as was PILGRIM. The finest small flowered yellow was OREGON SUNSET by my esteemed friend Mr. C. C. Piper. Congratulations on this variety, we need it. MAROLEE and MRS. S. A. ERREY were well liked and RODERICK DHU and TROUBADOUR were received well. MISS JOY will have a place in our fields always. ANNEHURST and WYOMING are delicate tints and KATINKA was good. BOBBY DOUGLAS reminds you of huge magnolia blossoms. But folks I could rave on about these for pages, so I had better stop now while I can still save you money.

About the shows this year—well I could find time to attend only two—the one at Muncie, Indiana of the Indiana Society and the National show at Pittsburgh. Both were excellent. Quantities of flowers were missing but the spirit and quality is there. Of course the seedlings were of especial attention to us. Our own seedling won at Muncie although we did not have representative spikes of Mr. Zimmer's seedlings seemed to be superior at both Muncie and at Pitts-

burgh, although at the National show Mr. Palmer's varieties were grown with longer spikes and seemed to be of a different type of colors altogether. Mr. Zimmer's seedlings carried a mixture of bright blended flashy colors while those of Mr. Palmer were of a more selected and reserved tone, more monotone and dignified so to speak. There is room for both types and there will be plenty of attention given both. Of new varieties at Muncie I saw nothing spectacular. At Pittsburgh there were a few good new ones, among which were FLORENCE CRANDALL and MARGARET FULTON. Pelegrina was shown there also and seemed a good color. Some good spikes of Wurtembergia also caught my eye and Palmer's new blue was attractive. It seemed, however, to be an improved Heavenly Blue with no markings, just a bit dull in cast. However that was my own vision perhaps. Kundreds had a fine dining table set with Glads that really was artistic. His bridal bouquets were artistic and airy and the sprays shown were made up nicely. I of course am a florist and therefore was more interested than some growers perhaps, but believe that these made-up pieces were of great interest to the public attendance. Kundreds Gold Room was a mass of blooms and well deserved the big cup. His make-up men worked hard for their results and personally I thought his exhibit was commendable even though there was no really new things shown except the miniature Glads. The Gladfather was there with his flowers too and believe he looks younger than ever. More luck to you Mr. Kunderd. Venago Gardens had an attractive booth. Their variety Florence Crandall was especially attractive. Saw no spikes of SOLVEIG there although heard that Mr. Baerman was present. Our friends Elmer Gove and J. D. Long were absent too. True enough we all thought we were needed at home worse but as the time drew near we just could not resist the temptation to hie us away to Pennsylvania and the sky high floor of the William Penn hotel.

Perhaps my thanks are a bit belated but I do want to thank our customers of last year for their trade and to ask for a share of it again this season. I am not promising you a lot of extras but I do wish you would give me a chance to show you the kind of treatment we extend to any and all orders. Of course the amount of your order has a lot to do with the amount of extras. I bet that you will just be another one of those fellows who will be so surprised when you start counting your bulbs and bulblets that you will say—That fellow never went beyond the second grade. Well maybe we don't know how to count, but we know how to treat our customers at any rate. We don't believe in printing our letters of testimonials but if you doubt us just write and we will send you addresses to find out for yourself.

This catalogue is priced at retail prices. If you are a grower, send in your order on your letterhead and receive wholesale prices on the varieties you want. Discounts are as follows and are to be taken in bulb or bulblet count: \$5.00 to \$10.00 take 20%; \$10.01 to \$20.00 take 25%. Above these amounts take a pencil and write us the list and we will do the discounting so as to surprise you. These discounts do not apply to any of last years or this years introductions nor any collections, nor do they apply to wholesale orders. And here is another thing, we do not accept orders for less than fifty cents. All retail orders forwarded prepaid except when charged to account. Of course as times are hard there will be some of you who will want to do so—just send 25% of your order along and a couple of good references and we will send them along to you. This is for orders of \$5.00 and over up to \$25.00. For orders of \$1.00 or under you may send good unused three-cent stamps in lieu of cash or money order. I advise you to wrap them in waxed paper to prevent sticking to envelope.

Belong to the A. G. S. yet? If you don't, send us \$2.00 and we will have you enrolled at once, giving you the monthly bulletin and all its advantages and

WE WILL SEND YOU FREE OF CHARGE YOUR SELECTION OF \$1.00 WORTH OF GLAD BULBS, your selection from retail catalogue. Fair enough?

The prices on varieties following may be slightly higher in some cases than prices of other reliable growers but if you mention it to us on your order we will send along enough bulbs to make up the difference. We will meet prices on bulbs made by any reliable grower in the U. S. or Canada. Prices are all made and orders taken subject to sale of stock, or damage by fire, water or other means beyond our control. Guaranteed free from disease and thrips. Have been disinfected in storage. Will be shipped at time of order or at any time customer prefers. Cold weather may prevent shipment during some periods. We pack carefully and insure. Now go ahead and give us an order and be surprised when you open the package as you never have before. We satisfy or your money back—remember that. Bulbs are guaranteed to be true to name and cormels are guaranteed to be sound and full. Expensive ones are selected and average to large size. Bulbs are: large $1\frac{1}{4}$ inch to $1\frac{1}{2}$ inch; medium $\frac{3}{4}$ inch to $1\frac{1}{4}$ inch; small $\frac{3}{8}$ inch to $\frac{3}{4}$ inch. Packed in individual bags, plainly marked. Bulblets in tight envelopes. Canadian customers must get permit and send with order, or better still write me first. In case of cormels priced at \$2.00 or over we guarantee germination. Dozen at price of ten—hundred at price of eighty.

Hillside Gardens Introductions for 1933

These are originations of the Rev. J. A. Christ of Leipsic, Ohio, of whom we have received the best seedlings for final test and examination. I am confident that among hybridizers of the world the Rev. J. A. Christ will soon become one of the most well known, especially for his work among the blue gladiolus. His work has been devoted to this particular color and we feel confident that he has made more progress toward the realization of the hybridizers dream, that of producing the ideal blue glad. Last year we introduced two of his finest blues—BLUE ADMIRAL and BLUE DOMINA, and mentioned his CELESTIAL QUEEN. Sales of them caused the withdrawal of the two Blue Domina and Celestial Queen to increase stock. Of Blue Admiral of which we had more stock we still have to be conservative in our sale as we must keep stock for propagation. However we will be able to spare some stock of it this season. We have received many compliments upon its performance, nearly all of which commented particularly upon the clear color and wonderful growth.

This season we again have a fine blue to offer. This if possible is a finer blue than heretofore produced by Rev. Christ or any other originator. The description, prices and so forth as well as some other new things that are outstanding in their class follow:

TRUE BLUE—Christ-Nitchman 1933)—Pure unadulterated blue, color hard to describe, no lavender, violet or gray in it, self color, no blotches, deep shade with life and depth, medium spike on plant about thirty eight to forty four inches high. Florets medium size about four and a half inches across, opening six when cut, carries from 12 to 15 buds, and is a remarkable producer of bulbs. Makes an average number of cormels. Fairly easy germinator, not hard at all. Placement, correct, type is round exhibition, opens fairly flat. There will only be one dozen bulbs sold this winter, ranging from large number one to number fours. The price per bud of any size, largest to first orders, is twenty five dollars. We will sell also a small amount of selected cormels at five dollars each.

Bulb, any size—\$25.00. Cormels, selected—\$5.00—priced per each.

ROYAL OMAR—(Christ-Nitchman 1933)—A delightful clear deep salmon rose of a refreshing color, entirely self, double row placement, exhibition type opening twelve to fifteen blooms at once on a fine spike. Florets will average five inches. Has very fine heavy substance. Will make a fine commercial when available. Stock Limited. Large bulbs, \$8.00 each; medium \$5.00; small \$3.00; bulblets 75c ea.

WINGS OF JOY—(Christ-Nitchman 1933)—A massive Phipps type Glad that is so very attractive with its unusual color blend of light flesh salmon, shaded and dotted picric yellow and overlaid with tiny fine lines of henna. Massive florets of six inches and more, opening ten to fourteen at once in correct placement on stiff heavy stalk. Wonderful producer of cormels and is healthy grower. Nearly self color. Large bulbs, \$8.00 each; medium \$5.00; small, \$3.00; bulblets 75 cents ea.

ROSE LADY—(Christ-Nitchman 1933)—A masterpiece in smoky old brownish deep rose, a color hard to imagine unless you can picture a rose colored bloom *Le Habitant*, that fine French variety. Florets are from six to seven and one-half inches across. Will open eight perfectly spaced florets at once. Absolutely the finest novelty since *Marmora*. This variety has a real future.

Large bulbs, \$8.00 each; medium, \$5.00; small, \$3.00; bulblets, 75 cents each.

Standard Varieties for 1933

Terms mentioned in foreword—Prices in back of catalogue.

ANTIONE—(kd)—a fine deep rich yellow, medium size, opens six.

AFLAME—(hr)—soft begonia rose giant, prim grand popular.

ANNEHURST—Withdrawn for propagation.

ALASKAN SUNSET—(powell)—Copper red overcast grey—attractive blotch.

A. H. WOODFUL—(er)—Clear pale mauve-violet blotch—fine.

ALONE—(ellis)—Pocket and spur glad—salmon color—attractive.

ADMIRAL BEATTY—(Brunelet)—Salmon red-carmine blotch on white.

ALADIN—(Christ)—Fine coral red, cream throat—exhibition type.

ARIRONDACK—(Christ)—Exquisite deep rose, two ruby marks—fine.

ALBATROSS—(Pfit)—Fine large pure white—exhibition type.

ATLANTA—(Grulleman)—Soft rosy lilac—good spike.

AIDA—(Pfit)—Deep violet blue—early—good spike.

AVERILL—(er)—Rosy salmon, flaked scarlet-yellow blotch.

AVE MARIA—(Pfit)—Fine light blue, dull purple blotch.

APRICOT GLOW—(Palmer)—Delicious light apricot—fine spike—six open.

ANNIE LAURIE—(Br)—Light rosy pink—excellent spike.

A. E. AMOS—(Mair)—Milk white with purple band—attractive.

ASSUREAS—(Vil)—Ashy rose with cream throat—unusual.

ALT WIEN—(Pfit)—Fine medium blue—good spike—lavendar cast.

ANDREAS HOFER—(Pfit)—Gorgeous salmon pink with orange blotch—new.

ALLAWAH—(er)—Silver mauve—crimson blotch—new and fine.

ANGELS DREAM—(Ellis)—Soft lafrance pink—crooked spike.

BRIDAL VEIL—(Aus)—Creamy white, delicate, rich—good.

BRIGHT WINGS—(Nly)—Butterfly type pg, bright lavendar orchid shade.

BEAUTYS QUEEN—(Nly)—Soft blend of pink and yellow, fine.

BOBBY DOUGLAS—(Rad)—Like huge white magnolia blossoms—fine.

BLONDE—(Gil)—Tawny orange blend, attractive and big.

BLUE MOON—(Blake)—Very early blue violet, bulblet producer.

BRONZE MAID—(Ellis)—Rich bronze, bluish blotch—large and fine.

- BETTY**—(Mair)—Bright orange rose, white throat—excellent.
BLEEDING HEART—(Br.)—Light pink with blood red blotch—opens eight.
BILL SOWDEN—(Fallu)—Richest deep red, flaked deeper at times, fine.
BAGDAD—(Palmer)—Tall perfectly blended smoky brown and gray, fine.
BELINDE—(Pfit)—Excellent spikes of pure soft yellow, no marks.
BANNER BRIGHT—(Christ)—Fine coral pink, cream throat, clear.
BERTY SNOW—(Mair)—Fine lavender with lighter marks, good.
BERGONETTE—(Vil)—Lilac Pink with cream throat, odd and fine.
BAYADERE—(Brunelet)—Nice pure yellow, reddish throat, odd.
BETTY JOY—(Bl)—Creamy white flushed pink, florets flower.
BETTY NUTHALL—(Sal)—Favorite coral orange pink, wonderful commercial.
BLUE TRIUMPHATOR—(Pfit)—Massive light violet, blue over-rated.
BLUE DOMINA—(Christ-Nitchman)—Withdrawn for increase.
BLUE DANUBE—(Pfit)—Fine clear light violet blue, deeper blotch of ruby.
BRITTANIA—(Groff)—Large scarlet with white throat, pretty.
BLUE ADMIRAL—(Christ-Nitchman 1932)—Huge deep pure blue with darker throat, opens four to six on fine plant, finest blue to-date—big.
BEAUTY WAVE—(Kd)—Canary yellow grandiflora, large and prolific.
CANBERRA—(Er)—Rich tall yellow with good habits.
CARMEN SYLVA—(Prgd)—Fine commercial white, stiff straight spikes.
COPPER BRONZE—(Kd)—Artistic coppery shaded bronze, prim grand.
CONSTANCE—(Er)—Rich salmon scarlet with several open, fine.
CARDINAL PRINCE—(Kd)—Rich deep cardinal red, good spikes.
C. B. AMOS—(Mair)—A biscuit brown with brownish blotches, unusual.
CALEDONIA—(Mair)—Shrimp pink with dark lines, finer color.
COMMANDER KOEHL—(Pfit)—Rich deep bright red, coming commercial.
CENTURY—(Groff)—Pure lavender, excellent substance.
COURLIS—(Vil)—Yellow with deeper blotch, nice spike.
CHAS. DICKENS—(Pfit)—Brilliant deep purple variety.
CORYPHEE—(Pfit)—Ophelia rose color, pink and yellow, crooks.
CAPTAIN COURAGEOUS—(Ellis)—Large rich deep red, often flaked deeper.
CHIEF JOSEPH—(Piper)—Odd brownish red with smoky cast, unusual.
COL. LINDBERGH—(Ellis)—Nice red variety, not spectacular.
CELESTIAL QUEEN—(Christ-Nitchman 1932)—Withdrawn for increase.
- DAVID AIRDRIE**—(Mair)—Immense rose purple, deeper blotches.
DIABLO—(Sal)—Rich fiery red, short spikes but pretty.
DREAM PRINCE—(Nly)—Rich blackish red, nearly black, good.
DEARBORN—(Vaughn)—Rich salmon flesh with deeper stripe, immense.
DOMINIQUE BONNAUD—(Lem)—Mottled rose, two red blotches edged yellow.
DON SALLUSTE—(Vil)—Rosy mauve speckled solferino red blotched amaranth on yellow, round blooms, spectacular.
- DR. F. E. BENNETT**—(Dr)—Rich tomato scarlet striped yellow, popular.
DIGNITY—(Mair)—Soft rose, fine blooms and spike.
DUCHESS OF YORK—(Mair)—Fine ashy rose with pure white center, best.
DR. MOODY—(Kin-jac)—Commercial lavender of merit, fine spikes.
- ETHELYN**—(Fis)—Light orange yellow, tall willowy spikes.
EMILE AUBURN—(Lem)—Odd smoky bronze blotched smoked cherry rose.
ESME DESAILLY—(Er)—Large salmon pink, lower petals cream.
ERICA MORINI—(Pfit)—Warm salmon orange to soft red scarlet, extra good.
ENSIGN—(Er)—Large rose red with white blotches, good.

- ETHIOPE—(?)—Deep mahogany reddish to violet shade, odd and scarce.
- EL DUSE—(Lem)—White to flesh pink with blotch.
- ETENDARD—(Lem)—Light cream with huge splotches of oxblood red.
- ELIZABETH SWARTLEY—(Swart)—Fine early pink, good spikes, commercial.
- FLORICO—(Gel)—Withdrawn for increase.
- FAIREST OF THE FAIR—(Christ-Nitchman 1932)—A fine white that defies competition. Opens ten to twelve perfect five inch florets on a fine tall spike. Good grower and germinator. Absolutely self color.
- FIREFLAME—(Br)—Fire red with darker red, a masterpiece in red.
- FRANZ SCHUBERT—(Christ)—Rich pink-fawn throat lightly striped rose. A fine grower that is superior to Rita Beck which it resembles.
- FATA MORGANA—(Pfit)—A fine pink and cream, forest flower.
- FOREST FIRE—(Piper)—Blackish red with deeper penciling, rich color.
- FAIRY LANTERN—(Nly)—Odd shade of blended lavender, and yellow on odd shaped florets, prim of artistic coloring, receiving award of British Gladiolus Society in 1931.
- FLOSELLA—(Palmer and Vickers)—Clear flesh-pink, mauve pencil, on cream.
- FLORENCE—(Vil)—Attractive light lilac with white blotch, commercial.
- FONTAINE—(Colemn)—Peach cream with golden throat, attractive.
- GOLDEN DREAM—(Groff)—Rich pure yellow on spike opening six, medium sized florets, finest commercial yellow to date, good germinator.
- GOLDEN FRILLS—(Kd)—Small ruffled yellow with red marks, attractive.
- GIANT NYMPH—(Colemn)—Light rose salmon, fine commercial.
- GOLDFINCH—(Crow)—Deep rich yellow, medium size, opening six.
- GERTRUDE—(Mair)—Slaty orange rose with small cream blotch, fine.
- GUY MANNERING—(Mair)—Dark purple carmine with white line and blotch.
- GOLD EAGLE—(Aust)—Rich pure yellow, good spikes, commercial.
- GOLDEN CHIMES—(Ellis)—Rich Yellow that has attracted attention.
- GOOD CHEER—(Christ)—Fine bright scarlet cream throat feathered red.
- GARTEN SPECTOR BERGER—(Pfit)—Coppery pink with broad deeper pencil.
- GLORIANA—(Kd)—Salmon rose grandiflora prim, fine commercial.
- GRAND KNIGHT—(Christ)—Fine tall cherry pink with cream yellow blotch.
- GREY PARROT—(Bon)—Odd slaty grey, small flower, good for hybridiz.
- GELINOTTE—(Vil)—Large bright rose with yellow lower petals, fine.
- GOLDEN SUNSET—(Thay)—A fine golden yellow, attractive in baskets.
- GAY HUSSAR—(Sal)—An outstanding salmon orange, fine commercial.
- GLORY U. S. A.—(Cary)—A fine attractive orange salmon, commercial.
- GLADSOME—(Sut-Thack)—Pure yellow with deeper throat, fair grower.
- GLORIOLA—(Ellis)—This variety is especially attractive, large and fine peach red, near golden salmon, an outstanding commercial.
- GLADDIE BOY—(Bill)—Delicious commercial pink.
- HYACINTH—(Errey)—Fine large shell pink, outstanding.
- HINEMOA—(Don)—Rose pink, flecked chocolate and yellow, unusual.
- HERCULES—(Crow)—Tall fine deep buff, a giant with texture.
- HEAVENLY BLUE—(Pfit)—Anetive blue with broken penciling.
- HERNANI—(Cand Leclerc)—Red lilac with canary blotch.
- IRENE—(Mair)—Delicious salmon rose, different.
- I'VERL—(Aust)—Rich creamy white variety, attractive in shape.

INSPIRATION—(Pal)—Shrimp pink with ruffled edges, mammoth grower.

IVANHOE—(Mair)—Fine large white variety, one of Mairs best.

IWA—(Bets)—Deep rose pink with immense deeper blotch, good spikes.

JUBILEE—(Kmp.)—Huge winged lavender flaked pink, exhibition.

JENNIE LIND—(Hoeg)—Soft salmon pink with pale yellow throat, commercial.

J. H. McFARLAND—(Kd)—Golden rose with canary lips, pretty.

JEAN DU TAILLES—(Lem)—Salmon with deep maroon blotch, odd and big.

JANET—(Crow)—Fine smoky gray with size and all, prim grand.

JOHN T. PIRIE—(Kd.)—Mahogany with brown blotch on yellow throat, novel.

JESSIE—(Mair)—An excellent rose with clear cream blotch.

JEAN TENNY—(Nich)—Silvery rose with stippling on silver throat.

JOHN HENRY—(Ten)—Fine rose doree with carmine blotch on cream, fine.

JOHN TOLAND—(Salb)—Peach red with rather coarse deeper blotch.

JUNE ROSE—(McClure)—Delicious rose red, fine spike.

KUNDERDS YELLOW FAVORITE—(Kd)—Nice buttercup yellow, good spike.

KRIMHILDE—(Pfit)—A fair flaked lilac pink, good spikes, commercial.

KING OF BLUES—(Velt)—Dark violet blue with deeper blotch, small.

KENTUCKY COLONEL—(Nly)—Giant grower, deep rich orange brown, phipps type with many open, heavy substance. Well worth trying.

KATINKA—(Bill)—Nice white with plume of purple, new.

KUNDREDS YELLOW WONDER—(Kd)—Good commercial yellow with large flor.

LOCHNAGAR—(Mair)—Fine slaty rose with white blotches, smoky.

LOVELY—(Mair)—Delicious cherry rose with white blotch.

LOCARNO—(Hutt)—Rich purple with carmine blotch.

LIBELLE—(Pfit)—Fine blue heliotrope, fair grower, good spike.

LITTLE JOHN—(Steve)—Spectrum red, must be well grown.

LADY ESTHER—(?)—New stock, did not bloom this year, colors unknown.

LADY PRIMERA—(Harr)—Fair white variety, some markings in throat.

LOYALTY—(Aust)—Fine rich yellow, has a future.

LEVIATHAN—(Christ)—Rich rose pink with fawn throat, single line on center, very similar to Schwaben Girl but is a giant grower. Excellent.

LA COURONNE—(Lem)—Cream yellow with oxblood blotch, spectacular.

LORIOT—(Vil)—Tall rose speckled salmon, straw yellow blotches.

LAVERNA—(Errey)—Heavy spike with shell pink, white throat.

LE ROY LEAR—(Br-Vil)—Fine magenta with cream blotch.

LINDENOW—(Errey)—Excellent cream on good spikes.

LA NUIT—(Lem)—Vivid purple blue, good in hybridizing, small.

LOUIS HEMON—(Lem)—The clown glad, yellowish green, attractive.

LE HABITANT—(Cou)—Smoky champagne, huge and fine flowers, rare.

LOTUS—(Pety)—Fine big yellow, rich in color, splendid propagator.

LA PALOMA—(Dusin)—Popular commercial orange prim grand.

LORD NELSON—(Nly)—Attractive slaty salmon, good spikes.

LEONA SPRINGER—(Claybaugh)—A nice commercial spike of rare violet purple, first time this has been offered to public but try it.

L' AISNE—(Vil)—My choice of an artistic prim grand, rare combination of pink and cream, big florets, splendid propagator.

LIGHTHOUSE—(Gilrey)—A splendid variety of which our stock was too small to bloom. Reports on it are very favorable.

LILLIE—(Mair)—Attractive lilac white with white bands.

LUCIFER—(Errey)—Wonderful bright orange with crimson blotch.

- MRS. LEON DOUGLAS—(Dier)—Huge salmon rose with scarlet stripes.
- MARNIA—(Kemp)—Popular orange pg commercial, fine spikes, big.
- MRS. P. W. SISSON—(Colemn)—Exquisite light pink with fine spikes.
- MELODY—(Kd)—Dainty orange yellow with tips touched red, fine.
- MELBA—(Brn)—Creamy salmon, tinted orange, six to eight open.
- MAGIC—(Kd)—An old variety, a dainty blue flushed white, dainty.
- MARMORA—(Errey)—Lavendar grey with petunia blotch, large commercial
- MINUET—(Coleman)—The lavendar without a peer so far. Opens from six to ten at once, large and fine.
- MEMORY OF WILHELM PFITZER—(Pfit)—Pure white, large flowers with opposite placement. Absolutely pure white.
- MRS. G. T. MALTHOUSE—(Mair)—Satiny lilac streaked white and red, ten open at once, large and fine.
- MABEL—(Mair)—Milk white, lightly flecked lilac, attractive.
- MAORILAND—(?)—Fine smoky old rose striped steel blue. Odd.
- MILKMAID—(Pfit)—Fine new cream variety.
- MAID OF ORLEANS—(Pfit)—An outstanding new white prim grand.
- MORONGO—(Errey)—Bright salmon, yellow center lined scarlet, new.
- MRS. SCHUMACHER—(Pal-Vick)—Fine color of orient and orange pink fading to cream blotch on lower petals. Up to seven open at once.
- MRS. RAY P. CHASE—(Mil)—Large white with rich yellow blotches on lower petals, exquisite variety.
- MONARCH OF THE GLEN—(Ellis)—Strong growing ruffled pink, seven open.
- MAROCCO—(Pfit)—Deep blackish red, better than Persia.
- MME. GEO. BOULAY—(Lem)—Large white blush, red blotch on yellow throat.
- MRS. GERTRUDE PFITZER—(Pfit)—Improved light blue, good spikes.
- MRS. VAN KONYENBURG—(Pfit)—Another good light blue, commercial.
- MULHOUSE—(Br-Vil)—Tints of pearl and white, delicate cast, prim.
- MRS. ANNA PFITZER—(Pfit)—Fine large white, extra good.
- MARECHAL PETAIN—(Vil)—Sulphur yellow with orange blotch.
- MAURICE BARRES—(Lem)—Pure yellow with red blotch.
- METZ—(Brun)—Nice large spike of magneta Blooms.
- MRS. T. J. KNUDSON—(Vaugh)—Light violet with deep violet plume.
- MARION KOCH—(Aust)—Needle pointed light salmon pink, nine open.
- MISS BLOOMINGTON—(Kd)—Fine new yellow self, delicate shade.
- MISS JOY—(Blake)—The spray flower, pale pink and yellow prim, grand.
- MOTHER MACHREE—(Steve)—Vinaceous gray and lavendar flashed electric.
- METEOR—(Pfit)—Rich nasturtium red.
- MAGNET—(Crow)—Finest deep richest yellow, small flowers.
- MARY GARDEN—(Piper)—Pale white flecked, rather coarse.
- MAMMOTH WHITE—(Pfit)—True to name in size, real white glad.
- MOORISH KING—(Pfit)—Rich blackish red, ruffled, very fine.
- MARIETTA—(Metzner)—Salmon with scarlet blotch, attractive.
- MOUNT HOOD—(Piper)—Huge white of fine coloring, scarce.
- MISS F. E. WILLARD—(Yarra)—A real glad of deep rich rose with deeper blotch, several open of monstrous round size, excellent.
- MR. W. CUTHBERTSON—(Mair)—Fine cherry rose, excellent spike.
- MAROLEE—(Carp)—Very popular jasper pink with yellow blotch.
- MRS. S. A. ERREY—(Errey)—Fine orange with crimson blotch, popular.
- MAKUSHLA—(Christ-Nitchman 1932)—Fine large white with distinct red lines in throat, opening six to eight on tall spike, excellent.

MIGNON—(Christ-Nitchman 1932)—Soft pink like Phipps with a fawn yellow throat, opening up to ten at once, fine propagator.
MARY FREY—(Gels)—Nice lavender exhibition with ruby flames.
MISS GREELEY—(Jdl)—Very similar to Phipps but earlier, fair.

NANCY HANKS—(Sal)—Rich apricot with deeper line of orange.
NETHERLAND PRINCE—(Steve)—Fine large tall dark salmon, very fine.
NIMROD—(?)—Fine large deep red, very good grower.

OLIVE GOODRICH—(Goodrich)—Long spike white edged pink, florist var.
OREGON SUNSET—(Piper)—Excellent new yellow, very fine, best yet.
ORLANDO—(Christ-Nitchman 1932)—withdrawn for propagation.
OTHELLO—(Pfit)—Deep violet purple, fine spike.
ORIENTAL SILK—(Aust)—Rich silky rose, blotched yellow, fine short.

PHAENOMEN—(Pfit)—Rich yellow and pink combination, florists variety.
PERSIA—(Ubc)—Deep nearly black red, good spikes.
PURPLE QUEEN—(Kd)—A nice rich purple self, opens six, good spike.
PRIDE OF WANAKAH—(Cris)—Fine commercial spikes long, lavender rose.
PUREST OF ALL—(Pfit)—Short spike of pure white florets, fine.
PALMYRA—(Gilrey)—Large light salmon with blueflaking, exhibition.
PIMPERNIL—(Mair)—Soft red with fine white throat, outstanding.
PASTEUR—(Lem)—Ruby red with two ruby blotches bordered white.
PICARDY—(Pal)—No need for description of this prize winner, however it is a fine shade of salmon pink opening ten on massive plant.
PRINCESS MARY—(Mair)—Cream pink shaded pink, exhibition type.
PEACH BLOSSOM—(Mair)—Fine peach pink of good size.
PIRATE—(Palmer)—Splendid deep purple red on massive plant.
PERRUCHE—(Vil)—Buttercup yellow, spotted coral red.
PILGRIM—(Mil)—Finest pure la france pink with yellow throat, good.
PAUL PFITZER—(Pfit)—Rich deep purple commercial.
PFITZERS TRIUMPH—(Pfit)—Huge deep scarlet, very well known.
PRIDE OF PORTLAND—(Ellis)—Rich pink with white throat, large.
PRIMROSE PRINCESS—(Ellis)—Fine large pure yellow, pure.
PRINCESS CHIC—(Lap)—Light lilac, blotched deeper.
PALLAS—(Errey)—White and mauve, delicate blend.

QUEEN OF SOMERSET—(Kelway)—Excellent white with rose markings.

RAMESSES—(Steve)—Mammoth purple prim grand, very fine, rare.
ROMANCE—(Kd)—Fine smoky, rose and yellow, fine spikes.
RED GLORY—(Piper)—Fine deep ruffled red, long spikes.
RED LORY—(Errey)—Tall spikes of red flowers, all open.
ROSELLA AMOS—(Mair)—Cinnamon brown with clear yellow shades.
RED PHIPPS—(Jdl)—A true spectrum red glad like Phipps, nice.
RED ROY—(Ellis)—Red with darker penciling, good spikes.
RICHARD WAGNER—(Christ)—Fine pure creamy white, ten open at once. Another outstanding one by the Rev. Christ, stock scarce.
RENOWN—(Errey)—Pure cream on fine spike.
ROI ALBERT—(Velt-Lem)—Fine coppery salmon with red throat.
ROI SOLEIL—(Velt)—Fine buttercup yellow self.
REGENT—(Pety)—Wonderful strawberry pink blotched deeper. His best.
ROZAN—(Aust)—Immense light rose pink, many open.

RUFFLED GOLD—(G)—Canary yellow with red feather.

RODERICK DHU—(Steve)—Light pink blushed deeper and blotched heavy.

SENTINEL—(Errey)—Fine salmon pink, carmine blotch on white.

SUNKIST FAIRY—(Pety)—A cheery little glad with gorgeous coloring of rich apricot orange with deeper penciling of scarlet, fine.

SOLVEIG—(Prest)—The wonder white of last season's introductions.

SERRATTA—(Bl)—Odd cream and red penciling, heavily lacinated and ruffled. We won with this at AGS show in 1931 at Cleveland.

SARABAND—(Sal)—Rich plum and rose commercial, fine.

SHEBA—(Sal)—Fine salmon pink, tall spike with seven open, good.

SUNSHINE GLOW—(Nly)—Cherry scarlet with yellow throat, this variety won honors at London in '29 and won at Des Moines at AGS show, '30.

SWEET BRIER—(Groff)—Pink with cream throat, clear and pretty.

SIR CHAS FERGUSON—(?)—Stock too scarce to bloom but is reported as being , fine color, rather scarce, new glad.

SULTAN—(Crow)—Rich rosy red, very fine habits.

SULTAN—(Mair)—Attractive rich rosy mahogany with cream blotches.

SCHWABENMAEDCHEN—(Pfit)—Early fine pure pink, eight to ten open.

SCHUBERT—(Pfit)—Very lovely creamy yellow with vivid scarlet blotch.

SUNKIST ORANGE—(Aust)—Another unknown rich orange that is fine.

SUNNYSIDE—(Phil)—Fine cerise pink, center pure white, outstanding.

SPRAY OF GOLD—(Pal)—Fine new yellow, rich and fine spike.

ST. CECELIA—(Christ)—Fine coral pink with clear white throat.

SEPTEMBER MORN—(Ellis)—Fine new variety, colors blended well.

STRASBURG—(Brune)—Fine spikes, mauve rose, carmine on white throat.

SILVERLIGHT—(Nly-Hg.)—Pure fine cream, received mention from Cornell University, prim grand, introduced by us in '32.

STORM CLOUD—(Nly)—Rich purple, winged florets, good.

STAR OF THE SEA—(Ellis)—Rich salmon, speckled in throat with yellow.

SHOSHONE—(Piper)—Rich orange yellow clouded with red, spectacular.

SUN GOD—(Christ-Nitchman)—Fine salmon prim grand, throat of canary yellow, opens six to ten, fine colors, introduced 1932, very good.

SUWANEE—(Christ-Nitchman, 1932)—Rich flesh to salmon rose pink on a Phipps type, opening ten and more, self color, fine spikes, good.

SMILING MAESTRO—(Christ-Nitchman 1932) Huge orange salmon self of very fine quality, size seven inches, opens eight on four foot plant, fine.

STAR PRINCE—(Christ-Nitchman 1932)—Huge orchid yellow lavender. finely, eal florists flower, dainty in extreme. See front cover.

TAHITI—(Errey)—Clear bright pink, blotched garnet on yellow, 8 open.

THE WINTER KING—(Nly)—Fine large ruffled/ white, exhibition, good.

TIRZAH—(Pety)—A Gloriana wide open, fine light orange.

TROUBADOUR—(Pfit.)—Rich deep violet purple with eight/ open, fine.

THE EMIR—(Pety)—Rich coppery gray cast lavender and red, smoky prim.

THE GOLDEN ONE—(Claybaugh-Hg. 1933)—Finest rare golden orange glad we have seen in color, not large, yet opens many, really worth-while .

TERESA—(Christ)—The real find of the season. Rich silver pink with golden halo in stippled throat with ten or more open, very, very good.

TOBERSUN—(Aust)—Large flowering deep late yellow, good.

TRAGEDIE—(Lem)—Rare fiery orange, spotted maroon and gold, choice.

TINAMBA—(Errey)—Fine light pink mottled deeper, ten open, large.

TOLEDO—(Kd)—Tyrian rose red with deeper blotch, superb.

- TYCHO ZANG**—(Aust)—Rich pink with large florets, commercial.
- VEILCHENBLAU**—(Pfit)—Rich deep violet blue, fine commercial.
- VESPER BELLS**—(Nly-Hg 1932)—Small, rich buff, resembles Wasaga and ruffled finely, real florists flower, dainty in extreme. See front cover.
- VALENCIA**—(Christ)—An exquisite blend of rich orange and scarlet in mammoth florets, withdrawn this year for increase.
- VEILED BRILLIANCE**—(Aust)—Fine bright pink, tinted greyish blue cream throat, smoky cast, attractive.
- WUERTEMBURGIA**—(Pfit)—Massive scarlet with deep cream blotches, makes a wonderful spike, with eight open.
- WODAN**—(Pfit)—Fine large rich deep violet blue. Heavy blooms but not a good grower. Good for seed however.
- WINGED VICTORY**—(Briggs)—Large medium pink with wide florets.
- WYOMING**—(Gesler)—Sulphur yellow striped begonia rose.
- WINGS OF THE MORNING**—(Miller)—Large eosine pink, good shape.
- W. H. PHIPPS**—(Dienier)—The wonder glad opening from twelve to twenty large salmon pink flowers at once. Commercial glad.
- WHITE ORCHID**—(Bill)—Exquisite orchid shape, white cream, fine.
- ZILLAH**—(Pkman)—Nice pink with purple blotch and cream zone.
- ZONA**—(Kd)—Delicious prim of flesh and pink and yellow, tall.

Prices for 1933

NAME OF VARIETY	Large	Medium	Small	Blts.
Antione	\$.15	\$	\$.05	
Aflame .....	.10	.08	.05	
Annehurst	Withdrawn for increase			
Alaskan Sunset .....	.50	.35	.25	.10 per 2
A. H. Woodful .....	.....	.....	1.00	.25 for 2
Alone .....	.....	.....	10.00	2.50 per 1
Admiral Beatty	Prices on request.			
Aladin	1.00	.75	.50	.10 for 3
Adirondack	1.00	.75	.50	.10 for 3
Albatross .....	.30	.20	.10	
Atlanta .....	.20	.15		
Aida .....	.15	.10	.05	
Averill .....	.20	.15	.10	.10 for 20
Apple Blossom .....	.20	.15	.10	.10 for 20
Ave Maria .....	.20	.15	.10	
Apricot Glow .....	.08	.05	.03	.10 for 100
Annie Laurie .....	.08	.05	.03	.10 for 100
A. E. Amos .....	.20	.15	.10	.10 for 20
Assureas .....	.25	.15	.10	none to sell
Alt Wien .....	.35	.25	.15	none to sell
Andreas Hofer .....	.....	.....	1.00	.30 per 1
Allawah .....	.....	.15	.10	.10 per 3
Angels Dream .....	.15	.10	.05	.10 per 10
Bridal Veil .....	.10	.07	.05	.10 per 10

NAME OF VARIETY	Large	Medium	Small	Blts.
Bright Wings .....	.25	.15	.10	.10 per 15
Beauty's Queen .....	.15	.10	.05	.10 per 10
Bobby Douglas .....	.25	.15	.10	.10 per 10
Blonde .....	.35	.25	.15	.10 per 4
Blue Moon .....	.40	.....	.....	.20 per 20
Bronze Maid	Prices on request.			
Betty .....	.50	.30	.20	.10 per 3
Bleeding Heart .....	.50	.30	.20	none to sell
Bill Sowden .....	.75	.50	.25	.30 per 5
Bagdad	2.25	1.50	.80	.25 per 2
Belinde .....	.10	.07	.05	.10 per 25
Banner Bright .....	.40	.30	.20	.10 per 3
Berty Snow .....	.10	.07	.05	.10 per 25
Bergonette .....	.15	.10	.05	.15 per 10
Bayadere .....	.25	.15	.10	.10 per 15
Betty Joy .....	.08	.05	.03	.10 per 100
Betty Nuthall .....	.10	.07	.05	.15 per 100
Blue Triumphator	2.50	1.50	.75	.20 per 1
Blue Danube	1.25	.80	.50	.50 per 10
Brittania .....	.15	.10	.05	.10 per 10
Blue Admiral	15.00	10.00	5.00	1.50 per 1
Per ten.....	100.00	75.00	35.00	8.00 per 10
Please write for special quotation on large amounts.				
Beauty Wave .....	.20	.15	.10	.10 per 20
Blue Domina	Withdrawn for increase.			
Canberra .....	.20	.15	.10	none to sell
Carmen Sylva .....	.08	.05	.03	.10 per 100
Copper Bronze .....	.08	.05	.03	.10 per 100
Constance .....	.10	.08	.05	.15 per 100
Cardinal Prince .....	.10	.08	.05	.15 per 100
C. B. Amos	Prices on application.			
Caledonia	2.75	1.75	1.00	.25 per 2
Comm. Koehl .....	.35	.25	.15	.20 per 10
Century .....	.70	.50	.30	.15 per 3
Courlis .....	.10	.08	.05	.10 per 10
Chas. Dickens .....	.10	.08	.05	.15 per 100
Coryphee .....	.15	.10	.05	none to sell
Captains Courageous .....	.35	.25	.15	.15 per 5
Chief Joseph .....	.25	.15	.10	.10 per 10
Col. Lindbergh .....	.70	.50	.30	.15 per 3
Celestial Queen	Withdrawn for increase.			
David Airdrie .....	.15	.10	.05	.10 per 5
Diablo .....	.15	.10	.05	.10 per 5
Dream Prince .....	.75	.50	.25	.15 per 3
Dearborn	2.00	1.50	.90	.25 per 2
Dominique Bonnaud .....	.35	.25	.15	.10 per 5
Don Salluste .....	.35	.25	.15	.10 per 5
Dr. F. E. Bennett .....	.08	.05	.03	.10 per 100
Dignity .....	.75	.50	.25	.10 per 2
Duchess of York .....	.20	.15	.10	.25 per 15

NAME OF VARIETY	Large	Medium	Small	Blts.
Dr. Moody .....	.10	.08	.05	.15 per 50
Dr. Christ Martz .....	.10	.08	.05	.15 per 50
Ethelyn .....	.08	.05	.03	.10 per 100
Emile Aubrun .....	.12	.08	.05	.10 per 50
Esme Desailly	2.50	1.50	.90	.25 per 2
Erica Morini	4.50	3.50	2.50	.40 per 1
Ensign .....	.25	.15	.10	.10 per 5
Ethiope .....	.50	.30	.20	.10 per 2
El Duse .....	.50	.30	.20	.10 per 2
Etendard .....	.15	.10	.05	.10 per 25
Elizabteh Swartley .....	.08	.05	.03	.10 per 50
Florico	Withdrawn for increase.			
Fairest of the Fair	2.50	1.50	.90	.25 per 2
Fireflame	Prices on request.			
Franz Schubert .....	.60	.40	.20	.25 per 50
Fata Morgana .....	.85			No other sizes or blts.
Fairy Lantern .....	.20	.15	.10	.15 per 10
Flosella .....	.75	.50	.25	.15 per 2
Florence .....	.08	.05	.03	.10 per 100
Fontaine	Prices on request.			
Golden Dream .....	.08	.05	.03	.10 per 100
Golden Frills .....	.08	.05	.03	.10 per 100
Giant Nymph .....	.08	.05	.03	.10 per 100
Goldfinch .....	.50	.30	.15	.15 per 5
Gertrude .....	.45	.25	.15	.15 per 5
Guy Mannering .....	.25	.15	.10	.10 per 5
Gold Eagle .....	.08	.05	.03	.10 per 100
Golden Chimes	3.00	2.00	1.00	.50 per 3
Garten Inspector Berger .....	.25	.15	.10	.15 per 5
Gloriana .....	.10	.08	.05	.10 per 25
Grand Knight .....	.75	.50	.25	.10 per 5
Grey Parrot .....	.50	.30	.20	.10 per 3
Gelinotte .....	.15	.10	.05	.10 per 15
Gay Hussar .....	.15	.10	.05	.25 per 50
Glory of U. S. A. ....	.75	.50	.25	.15 per 2
Gladsome .....	.10	.05	.03	.15 per 10
Gloriola .....	.50	.30	.20	.15 per 5
Gladdie Boy .....		.10	.05	
Hyacinth	5.00			No other sizes for sale.
Hinemoa .....	.75	.50	.25	.50 per 12
Hercules	10.50	7.00	3.50	1.25 per 1
Heavenly Blue .....	.15	.10	.05	.15 per 25
Hernani .....	.40	.30	.20	.20 per 15
Irene .....	.50	.30	.20	.15 per 5
I'verl .....	.75	.50	.25	.15 per 3
Inspiration	2.75	1.75	.90	.35 per 2
Ivanhoe .....	.75	.50	.25	.15 per 3
Iwa .....	.20	.15	.10	.10 per 10

NAME OF VARIETY	Large	Medium	Small	Blts.
Jubilee .....	.30	.20	.10	.25 per 10
Jennie Lind .....	.10	.08	.05	.15 per 10
J. H. McFarland .....	.30	.20	.10	.10 per 5
Jean du Tailles .....	.10	.08	.05	.10 per 10
Janet .....	.30	.20	.10	.15 per 6
J. T. Pirie .....	.10	.08	.05	.10 per 100
Jessie .....	.50	.30	.20	.15 per 4
Jean Tenny .....	.20	.15	.10	.10 per 6...
John Henry .....	.50	.30	.20	.15 per 4
John Toland .....	.20	.15	.10	.10 per 6
June Rose .....	.....	.....	2.00	.75 per 1
Krimhilde .....	.10	.08	.05	.10 per 100
King of Blues .....	.....	.....	.10	.15 per 6
Kentucky Colonel	1.50	1.00	.50	.25 per 3
Katinka .....	.35	.25	.15	.15 per 5
Kundreds Yellow Wonder .....	.08	.05	.03	.10 per 100
Lovely .....	.25	.15	.10	.10 per 5
Locarno .....	.15	.10	.05	.10 per 15
Libelle	2.25	1.50	.90	.20 per 1
Little John .....	.35	.25	.15	.20 per 10
Lady Esther .....	.20	.15	.10	.10 per 15
Lady Primera .....	.20	.15	.10	.10 per 15
Loyalty .....	.15	.10	.05	.15 per 10
Leviathan .....	.75	.50	.25	.20 per 50
La Couronne .....	.12	.09	.05	.15 per 10
Loriot .....	.10	.08	.05	.10 per 25
Laverna .....	.50	.30	.20	.15 per 5
Le Roy Lear .....	.50	.30	.20	.15 per 5
Lindenow	1.00	.75	.50	.10 per 2
La Nuit .....	.25	.15	.10	.10 per 5
Louis Hemon .....	.20	.15	.10	.10 per 7
Le Habitant	1.00	.75	.50	.25 per 3
Lotus .....	.75	.50	.25	.15 per 2
La Paloma .....	.25	.15	.10	.10 per 5
Lord Nelson .....	.50	.30	.20	.15 per 5
Leona Springer .....	.75	.50	.25	.15 per 2
L'aisne .....	.08	.05	.03	.10 per 100
Lighthouse	2.25	1.50	.90	.35 per 3
Lillie .....	.20	.15	.10	.10 per 15
Lucifer	2.25	1.50	.90	.30 per 3
Mrs. Leon Douglas .....	.10	.05	.03	.10 per 100
Marnia .....	.08	.05	.03	.10 per 100
Mrs. P. W. Sisson .....	.10	.08	.05	.10 per 100
Melody .....	.10	.08	.05	.10 per 100
Melba .....	.08	.05	.03	.10 per 100
Magic .....	.08	.05	.03	.25 per 100
Marmora .....	.10	.08	.05	.25 per 100
Minuet .....	.10	.08	.05	.25 per 100
Memory of Wilhelm Pfitzer.....	.08	.05	.03	.15 per 100

NAME OF VARIETY	Large	Medium	Small	Blts.
Mrs. G. T. Malthouse .....	.50	.30	.20	.10 per 3
Mable .....	.50	.30	.20	.10 per 3
Maoriland	1.50	1.00	.70	15 per 1
Milkmaid	1.50	1.00	.70	15 per 1
Maid of Orleans	3.00	2.00	1.00	.30 per 1
Morongo	2.50	1.50	.90	.25 per 1
Mrs. Schumacher	5.00	3.00	1.50	.50 per 1
Mrs. Ray P. Chase	2.00	1.50	1.00	.20 per 1
Monarch of the Glen .....	.50	.30	.15	.15 per 4
Marocco .....	.25	.15	.10	.15 per 5
Mme. Geo. Boulay .....	.20	.15	.10	.15 per 8
Mrs. Gertrude Pfitzer .....	.20	.15	.10	.15 per 8
Mrs. Van Konyenburg .....	.10	.08	.05	.10 per 10
Mulhouse .....	.25	.15	.10	.15 per 10
Mrs. Anna Pfitzer .....	.50	.30	.20	.15 per 5
Maurice Barres .....	.20	.15	.10	.10 per 6
Metz .....	.20	.15	.10	.10 per 6
Mrs. T. J. Knudson	4.00	3.00	2.00	.50 per 2
Marion C. Koch .....	.15	.10	.05	.15 per 10
Miss Bloomington .....	.30	.20	.10	.10 per 4
Miss Joy .....	.15	.10	.05	.15 per 10
Mother Machree .....	.30	.20	.10	.10 per 4
Meteor .....	.50	.30	.20	.10 per 3
Magnet .....	.65	.40	.25	.15 per 3
Mary Garden .....	.15	.10	.05	.15 per 10
Mammoth White .....	.25	.15	.10	.15 per 5
Moorish King	2.00	1.25	.90	.20 per 1
Marietta .....	.10	.08	.05	.10 per 10
Mount Hood .....	.50	.30	.15	
Miss F. C. Willard	3.50	2.50	1.50	.50 per 2
Mr. C. W. Cuthbertson .....	.50	.30	.20	.15 per 3
Marolee .....	.30	.20	.15	.25 per 10
Mrs. S. A. Errey .....	.20	.15	.10	.15 per 10
Makushla .....	.75	.50	.25	
Mignon	1.50	1.00	.50	.25 per 3
Mary Frey .....	.10	.08	.05	.10 per 100
Nancy Hanks .....	.08	.05	.03	.50 per 10
Netherland Prince .....	.80	.50	.30	.60 per 10
Nimrod .....	.15	.10	.05	
Olive Goodrich .....	.10	.08	.05	.10 per 10.
Oregon Sunset	1.00	.75	.50	.10 per 1
Orlando	Withdrawn for propagation.			
Othello .....	.20	.15	.10	.10 per 5
Oriental Silk .....	.10	.08	.05	.10 per 50
Phaenomen .....	.10	.08	.05	.10 per 50
Persia .....	.10	.08	.05	.10 per 50
Purple Queen .....	.08	.05	.03	.10 per 40
Pride of Wanakah .....	.08	.05	.03	.10 per 100
Purest of All .....	.10	.08	.05	.10 per 100

Palmyra	2.25	1.50	1.00	.50 per 3
Pimpernil	1.50	1.00	.50	.15 per 1
Pasteur .....	.75	.50	.25	.15 per 2
Picardy	2.60	1.40	.75	.25 per 3
Princess Mary .....	.40	.30	.20	.10 per 3
Peach Blossom .....	.40	.30	.20	.10 per 3
Pirate	2.10	1.30	.70	.25 per 2
Perruche .....	.30	.20	.10	.10 per 5
Pilgrim	2.00	1.50	1.00	.50 per 3
Paul Pfitzer .....	.10	.08	.05	.10 per 50
Pfizers Triumph .....	.10	.08	.05	.10 per 50
Pride of Portland .....	.20	.15	.10	.10 per 5
Primrose Princess .....	.20	.15	.10	.10 per 5
Princess Chic .....	.75	.50	.25	.15 per 2
Pallas .....	.....	.....	.20	.15 per 3
Queen of Somerset .....	.75	.50	.25	.15 per 2
Ramesses	2.00	1.50	1.00	.50 per 3
Red Glory .....	.15	.10	.05	.50 per 100
Red Lory .....	.40	.30	.20	.10 per 15
Rosella Amos .....	.75	.50	.25	.15 per 2
Red Phipps .....	.85	.60	.40	.15 per 2
Red Roy .....	.50	.30	.20	.15 per 5
Richard Wagner	1.75	1.00	.70	.25 per 3
Renown .....	.75	.50	.25	.15 per 2
Roi Albert .....	.30	.20	.10	.15 per 5
Roi Soleil .....	.35	.25	.15	.15 per 4
Regent	2.50	1.50	.90	.25 per 1
Rozan .....	.10	.08	.05	.10 per 50
Ruffled Gold .....	.20	.15	.10	.10 per 20
Roderick Dhu .....	.20	.15	.10	.10 per 20
Smiling Maestro	5.00	3.00	2.00	.50 per 1
Sentinel	Prices on request.			
Sunkist Fairy .....	.08	.05	.03	.10 per 100
Solveig	35.00	20.00	10.00	3.00 per 1
Serratta .....	.10	.08	.05	.10 per 50
Saraband .....	.08	.05	.03	.10 per 100
Sheba .....	.10	.08	.05	.10 per 50
Star Prince	2.50	2.00	1.50	.25 per 2
Sunshine Glow .....	.08	.05	.03	.10 per 100
Sweet Brier	Ask for quotations.			
Sir Chas Gerguson	Ask for quotations.			
Sultan .....	.30	.20	.10	.10 per 5
Schwabenmaedchen	1.25	.90	.50	.25 per 2
Schubert	4.00	3.00	2.00	.40 per 1
Sunkist Orange .....	.10	.08	.05	.10 per 25
Sunnyside .....	.....	.....	5.00	1.00 per 1
Spray of Gold .....	.60	.40	.20	.10 per 2
St. Cecelia .....	.50	.30	.20	.15 per 5
Sept. Morn .....	.15	.10	.05	.15 per 10
Strasbourg .....	.25	.15	.10	.10 per 15

NAME OF VARIETY	Large	Medium	Small	Blts.
Silverlight	2.00	1.50	1.00	.50 per 3
Storm Cloud .....	.50	.30	.20	.40 per 10
Star of the Sea .....	.30	.20	.10	.15 per 5
Setting Sun or Shoshone .....	.75	.50	.25	.15 per 2
Sun God .....	.75	.50	.25	.15 per 2
Suwanee	2.50	1.50	1.00	.50 per 3
Tahiti .....	.20	.15	.10	.15 per 5
The Winter King	1.00	.75	.50	
Troubadour .....	.25	.15	.10	.15 per 8
The Emir .....	.10	.08	.05	.10 per 50
The Golden One	1.00	.75	.50	.10 per 2
Teresa	1.00	.75	.50	.10 per 2
Tobersun .....	.20	.15	.10	.10 per 5
Tragedie .....	.20	.15	.10	.10 per 5
Tinamba .....	.45	.30	.20	.10 per 3
Toledo .....	.10	.08	.05	.10 per 25
Tycho Zang .....	.10	.08	.05	.10 per 50
Vesper Bells .....	.50	.30	.20	.10 per 3
Valencia .....			.80	.35 per 1
Veiled Brilliance .....	.10	.08	.05	.10 per 40
Veilchenblau .....	.10	.08	.05	.10 per 50
Wuertemburgia	2.75	1.75	1.00	.10 per 1
Wodan .....			.25	.15 per 2
Winged Victory .....	.30	.20	.10	.15 per 10
Wyoming .....	.15	.10	.05	.15 per 10
Wings of the Morning .....	.50	.30	.20	.10 per 3
W. H. Phipps .....	.08	.05	.03	.10 per 100
White Orchid .....	.25	.15	.10	.10 per 10
Wasaga	4.50	2.75		50 per 1
Zillah .....	.75	.50	.25	.15 per 2
Zona .....	.10	.08	.05	.10 per 100

THRIPS — PREVENTATIVE AND CURE

(Excerpts from the Canadian Glad Society Annual, 1932.)

Hundreds of commercial and fan growers have been so completely discouraged by the ravages of this pest that every effort and countless dollars have been expended by the various departments of pest and insect control to check the increase and to eradicate the present population of this Glad destroying menace. So far, little has been accomplished. However the following information if followed faithfully will serve the best weapon against its increase in your stock. Every grower owes it to himself and his neighbor to use all efforts to stop the spreading of the germs and eggs. Many states and all foreign countries have erected stiff barriers to U. S. grown Glad bulbs and until we have accomplished our purpose we will have a hard time exporting our products.

First—Before planting time soak the bulbs with husk removed and burned, in a solution of a strong disinfectant. We found Semesan too weak. Red seal lye has been used successfully and a 6 hour dip is sufficient.

Secondly—After plants are a few inches high begin spraying regularly twice a week during hot weather with a solution made up as follows: Paris green, four tablespoonsful; two pounds brown sugar and four gallons of water. Keep stirred all the time when spraying. Cover plants thoroughly and you will notice that a sticky surface appears that is also poison.

Third—Keep blooms cut from field if possible. Burn all refuse blooms and rouge plants. Keep weeds cut in proximity of field.

Fourth—When digging time comes cut the tops off close to bulb and be careful not to thold tops over the bulb tray or receptacle when cutting. Pile tops up and sprinkle with kerosene, then burn to ashes. Wash bulbs free of all dirt if possible.

Fifth—After bulbs are cleaned and in trays in storage sprinkle naptha flakes over bulbs. Thrips don't like it. Fumigate at least three times during the storage season with Ethelyn Dichloride-Carbon Tetrachloride as per directions that come with chemicals. Storage should be at seventy degrees temperature before using. Formula calls for fourteen pounds for each thousand cubic feet space. Avoid direct contact on bulbs. Vapor is not absolutely deadly although is to be avoided. Use gas mask when preparing.

Another good dip against thrips is composed of one pound fish oil soap to four gallons water at seventy degrees.

We pass this information on to you as the best we have yet come across and believe that it will reduce menace to minimum. Our bulbs are nice and clean, examined with microscope and found no traces of thrips. Precautions should be taken on all bulbs however.

Proper formula for use of lye:—Use one ordinary household box Red Seal lye to thirty gallons of water. Mix thoroughly in luke warm water and use in wooden barrels. Have tight cloth sacks.

From THE HOME OF
BLUE GLADS

HILLSIDE GARDENS

ST. MARYS, OHIO, U. S. A.

Please return at our expense
if not called for.

May be opened for inspection.

DELIVER TO _____

U. S. DEPARTMENT OF AGRICULTURE,
WASHINGTON, D. C.

BUREAU OF PLANT INDUSTRY
Horticultural Crops and Diseases

8-3591

10140

S (1) 10140

Sec. 562
P. L. & R.
U. S. Postage
PAID
St. Marys, Ohio
Permit No. 35